

7/2/79

File

TECHNICAL WORKING GROUP

0930

7/2/79

1. Agenda, 7/2/79 Technical Working Group
2. Radioactive Releases and RCS Profile
3. Top Priorities List
4. Action Items Technical Working Group 0930, 6/27/79
5. Task Lists

0007 297

A G E N D A

TECHNICAL WORKING GROUP

0930

7/2/79

Roof fans were off. also.

1. Radioactive Releases

- a. 748, Auxiliary Building Fans
- b. Point Sources - Compressors
- ~~c. Dome Monitor - Analysis Report Handout~~

Increase in Aux Bldg activity over weekend due to fans being shut off.

Do not pursue further - pick this up in the Containment Entry Group.

2. Plant Status

- a. RCS Profile 395°F
- b. Containment Water Level 289.4' constant
- Reactor Building Pressure
- Elect Checks - Critical Equipment
- c. Plant Operations Schedule
- Sample Results -

0.5 gpm

0.9 gpm. Provide an analysis.

① *Continued safe removal of decay heat.*

② *Integrity of the bldg under the static head. - low fill the bldg w/ H₂O.*

③ *Loose neg pres in bldg.*

Documentation

3. Analysis

- a. Absolute Upper Water Level Analysis

4. Pre-operational Testing

Estimated Completion

- a. Tank Farm 7/13
- b. OTSG "B" Long-Term Cooling Completed (except insulation) (Readiness to operate)
- c. EPICOR (CAP-GUN II) 8/4
- d. RCS Pressure/Volume Control Turnover for Testing 7/27

5. Construction Status

- a. Alternate Decay Heat Removal Turnover 7/20, valve pit 8/31
- b. Unit 2 Sample Sink 8/4

*17% closed
167.8° TH
hold ~ 150°-170°
By Fri press should be down to where we can open DHV-1 and maybe DHV-17!*

<u>RELEASES</u>	<u>0500 6/28/79</u>	<u>0500 6/29/79</u>	<u>0500 6/30/79</u>
748		1.46×10^{-9}	
HPR 220		- - -	
Inlet		6.65×10^{-11}	
Train #1		$< 2.18 \times 10^{-14}$	
Train #2		Cartridge destroyed	
Train #3		4.23×10^{-13}	
Train #4		$< 5.73 \times 10^{-14}$	

REACTOR COOLANT SYSTEM PROFILEPLANT STATUS

	<u>0500 6/28/79</u>		<u>0500 6/29/79</u>		<u>0500 6/30/79</u>	
	A	B	A	B	A	B
Th	157.9	159.7	162.2	163.4	166.8	168.0
Tc	148.7	116.0	153.2	102.2	157.5	103.6
ΔT	9.2	43.7	9.0	61.2	9.3	64.4
Tstm	146.6	126.1	150.6	125.5	154.7	128.2
PZR Level	Cal.	Solid	Solid		Solid	
	DVM	-	-		-	
R.C. Press.	Heise	-	322		326	
	DVM	331	328		328	
	Cavity	340	350		330	
S/G Level	428"	6.75 volts	430"	6.8 volts	405"	6.15volts
Turb. B/P	27%	Closed	22%	Closed	17%	Closed
I.C.T.	High	264.8	267.8		269.9	
	Min.	141.9	145.4		148.5	
M.U. Temp.		139.0	138.5		140.5	

<u>RELEASES</u>	<u>0500 7/1/79</u>	<u>0500 7/2/79</u>
748		
HPR 200		
Inlet		
Train #1		
Train #2		
Train #3		
Train #4		

REACTOR COOLANT SYSTEM PROFILEPLANT STATUS

	<u>0500 7/1/79</u>		<u>0500 7/2/79</u>	
	A	B	A	B
Th	167.8	169.8	168.0	169.6
Tc	155.5	101.5	155.6	116.0
ΔT	12.3	63.8	12.4	53.6
Tstm	156.0	126.5	155.4	129.7
PZR Level Cal.	Solid		Solid	
DVM	-		-	
R.C. Press. Heise	325		328	
DVM	330.8		332	
Cavity	350		330	
S/G Level	420"	6.15v	410"	6.15v
Turb. B/P	17% closed		17% closed	
I.C.T. Max.	270.9		270.1	
Min.	149.7		149.8	
M.U.Temp.	139.4		139.8	

0007 700

TOP PRIORITIES

- | | |
|---|-----|
| ● Development of plan for management of radioactivity in Auxiliary and Containment Buildings. | A-1 |
| ● Identify and isolate sources of iodine leakage. | A-1 |
| ● Complete tank farm in Unit 2 spent fuel pool. | A-1 |
| ● Completion of EPICOR (CAP-GUN II) System. | A-2 |
| ● Development of plan for treatment of Auxiliary Building liquid waste. | B-1 |
| ● Complete "B" OTSG cooling and modification (long-term). | C-1 |
| ● Development of alternate system for pressure/volume control system. | C-1 |
| ● Complete external valve pit for ADHR System. | C-2 |

CATEGORY

- | | |
|---|---|
| A | Control (i.e., containment) of radioactivity in Auxiliary and Containment Buildings. |
| B | Recovery of Auxiliary Building to near normal operations. |
| C | Place the plant in a cold condition suitable for depressurization with long-term pressure/volume control. |

ACTION ITEMS

Technical Working Group Meeting
0930 6/27/79

1. Reduce "A" turbine by-pass valve opening approximately 5% per day until a 16% opening is reached. J. Moore to supply curve. Wilson
2. Track the pressurizer temperature daily. Hover
3. Prepare handout on analysis of dome monitor for next meeting. Rusche
4. Determine absolute upper water level in containment and report at next meeting. Determine "action items" to follow once that water level is reached; written point and procedure. Wilson/
Rusche
5. Determine Action required to close gaps in line shielding. Rusche/
Hirst
6. Determine and report if demineralizer on OTSG "B" Long-term Cooling System needs chemical analysis and action to prevent "plugging." Wilson
7. Complete and report on upgrading of ADHR penetration pipe from "commercial" to "safety" grade. Lunden
8. Determine schedule for B&R winterizing and RCS Pressure/Volume Control System operations to be done in parallel. Hirst/
Rusche

2007 302

PLANT OPERATION STAFF -

Task	Description	Priority	Expected Completion	Status	Task Coord.
1.	Plant Status	A-1	On-going	Solid at approx. 350 psig.	Operations
2.	OTSG "B" Long-term Cooling	C-1	Operable	Pre-requisite list in progress. Most procedures in NRC review.	Troutman
3.	Obtain RCS Sample (Primary letdown). Obtain PZR Sample, and bleed tank samples.	C-1	On-going		Hetrick
4.	RB Sump measurements.	A-1		Convene group if water level elev. reading is 290.5 GPU to determine maximum allowable elevation.	Kunder
5.	Critical component meggering.	A-1	On-going	Daily: DH-V2, 171 CA-V-4A, weekly: same plus DH-V2 4CF-V115.	Bensel
6.	Current leak rate.	A-1		Continuing at approx. .5 gpm	Operations
7.	Pressure Volume Control System	A-1		B&R will complete engr. for remote operation in Control Room. Estimate of N.I.S. time for tie-in of control panel in progress.	Moore Elam
8.	Condensate pump problems.	A-1	On-going	After GPU pressure guidance & PVCS prerequisites, ready for on-line testing. CO-P-18 end bell replacement Check CO-P-1A,C for similar wear problems.	Maintenance

2007 303

PLANT OPERATION STAFF

Task	Description	Priority	Expected Completion	Status	Task Coord.
9.	Equipment hatch radiation measurements.	A-2	7/1	Analysis in progress.	Fisher/ Menzel
10.	Gamma Probe through RB penetration.	A-2	6/25	Analysis in progress.	Walker

2007 304

PLANT MODIFICATIONS

Task	Description	Priority	Expected Completion	Status	Task Coord.
WG-1	Install AB-FHB Filter System.	A-1	Punch list items to be completed.	System operational 5/11.	Shubert
WG-2 (L-1)	Decon. water in AB using EPICOR ion exchange process.	A-1	Punch list items to be completed.	Turned over for test 5/23.	Lacy/ Fricke
WG-6 (L-2)	Install storage vessels in Fuel Pool "A".	A-1		System operational 6/22, water transfer started 6/27.	Gibson
WG-12	Ventilation filtration system for decay heat pits.	A-1	7/12	In progress.	Shubert
TS-3C	Develop complete package for long-term cooling OTSC "B".	C-1	Punch list items to be completed.	System operational, procedures & testing in progress.	Jordan/ Lanza
TS-6B	RCS pressure volume control system.	C-1	Complete by 6/19.	Turnover to test 6/19.	Miller/ Lilly
TS-14	Shielding for decay heat pump.	C-2	7/5	Turnover for test 7/5.	Lieberman
TS-15	Westinghouse ADHR.	C-1	Turnover for test 7/15.	See Westinghouse schedule.	
WG-19	New Sample Sink-Unit 2		Turnover for test 7/20.	In progress.	Barrett/ Fricke

007 305

Westinghouse

Task	Description	Priority	Expected Completion	Status	Task Coord.
TS-15	ADHRS Installation	C-1	7/20 *	* Completion date currently under study.	
	Westinghouse Engineering Design Complete	C-1	6/25 (As Builts)	95% Complete	
	Assemble ADHR Skid	C-1	6/30	Mech. 100% complete, Elect. 35% complete.	
	Assemble CCW Skid	C-1	6/30	Mech. 100% complete, Elect. 35% complete.	
	Receive Control Trailer			On-Site	
	Install Panels & MCC in trailer	C-1	6/30		
	Complete Installation of Pipe Penetration Assemblies	C-1	Completed 6/15	100%	
	Cut 12" Header and Weld Weldolet	C-1	6/24 - 6/29	On hold.	
	Cut 10" Header and Weld Weldolet Channel A	C-1	6/24 - 6/29	On hold.	
	Cut 10" Header and Weld Weldolet	C-1	6/24 - 6/29	On hold.	
	Complete Fit up and welding of inside piping (total of 42 field welds).	C-1	6/25	In progress.	
	Complete Fit up and welding of outside piping (total of 15 field welds)	C-1	Open	Dependent upon valve pit constr.	
	Turn over to Met-Ed (Acceptance Test)			* 7/20	
	Valve pit	C-1	8/31		

007 306

WASTE MANAGEMENT

Task	Description	Priority	Expected Completion	Status	Task Coord.
Technical					
1.	Tank Farm	a-1			
	a) inst. of submers. pumps		depends on eductor testing	on-going	Staudt
	b) proc. upper tank water to Halliburton tanks			in progress	
	c) procedure to pump lower to upper tanks		6/27		Showalter
7.	Hot Chem Lab in FHB	a-1			
	a) criteria issued		7/6		Smith
	b) issue ECM (B&R)		7/13		"
8.	Perm Sample Sink	a-1			
	a) criteria		7/15		"
	b) issue ECM (B&R)		7/22		"
Process					
2.	AB In-leakage	a-1	ongoing	Unit 1: 1.52gpm Unit 2: 0.29gpm	
4.	EPICOR II	a-1			McGoey
	a) construction		7/2		"
	b) start-up		7/2		"
	c) procedures		6/29		"
	d) training		7/14		"
	e) appr. for processing		7/15		"
	f) operability meeting		6/28		"
	g) prerequisite list		6/28		"
5.	Temporary sample sink	a-1	On Hold		

2007 307